

2. Emissions from the flare shall not exceed the following limits [District Rule 207]:

Pollutant	Emission Level	Emission Limit
NO _x	0.06 lbs/MMBTU	137 lbs/day
VOC	0.03 lbs/MMBTU	137 lbs/day
CO	0.59 lbs/MMBTU	550 lbs/day

3. The flare combustion temperature shall be maintained at 1400° F or greater. [District Rule 207]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three (3) minutes in any one (1) hour which is as dark or darker than Ringelmann 1 or equivalent 20% opacity. [District Rule 400 Adopted 12/13/84]
5. Particulate matter shall not exceed 0.15 grains per standard dry cubic foot in the exhaust stream of the enclosed ground flare. [District Rule 403 Adopted 9/1/74]
6. Sulfur compounds calculated as sulfur dioxide (SO₂) shall not exceed 0.2 percent by volume in the exhaust stream of the enclosed ground flare. [District Rule 404 Adopted 10/16/96]
7. The landfill gas combusted shall contain no more than 50 grains of sulfur compounds (calculated as hydrogen sulfide) per 100 cubic feet of gas. [District Rule 412 Adopted 9/1/74]
8. The County of Santa Cruz shall cause to be operated a landfill gas collection system that effectively captures the gas generated such that [District Rule 437 Adopted 10/16/96]:
- A) the system is designed to handle the maximum expected gas flow rate from the entire area of the landfill that warrants control over the intended use period of the gas collection system; and
 - B) landfill gas is collected from each area, cell or group of cells in which non-asbestos degradable solid waste has been placed for a period of 5 years or more for active areas or 2 years or more for closed areas; and
 - C) offsite migration of subsurface gas is minimized; and
 - D) each wellhead is under negative pressure except under the following conditions:
 - i) a fire or increased well temperature. The County of Santa Cruz shall record instances when positive pressure occurs in efforts to avoid a fire. These records shall be submitted with the semiannual reports as provided in Condition 38; or
 - ii) use of a geomembrane or synthetic cover. Acceptable pressure limits shall be submitted by the County of Santa Cruz in their design plan; or
 - iii) a decommissioned well.